

Title (en)
ROCK BREAKING DEVICE

Title (de)
GESTEINSBRUCHVORRICHTUNG

Title (fr)
DISPOSITIF BRISE ROCHES

Publication
EP 3383587 A1 20181010 (FR)

Application
EP 16805096 A 20161130

Priority
• FR 1561749 A 20151202
• EP 2016079349 W 20161130

Abstract (en)
[origin: WO2017093361A1] The invention concerns a rock breaking device (10) comprising a striking cell (12) having at least one actuation chamber (14), a striking piston (16), and a hydraulic circuit comprising a hydraulic supply source having a High Pressure circuit (17) and a Low Pressure circuit (18), and an actuator (20) configured to connect the High Pressure circuit (17) or the Low Pressure circuit (18) to the actuation chamber (14) so as to move the piston in translation in the striking cell (12) in a normal movement area of which the limits are variable depending on the pressure difference between the High Pressure circuit (17) and the Low Pressure circuit (18), the striking cell (12) comprising depressurising means configured to control the establishment of hydraulic communication between the High Pressure circuit (17) and the Low Pressure circuit (18) when the striking piston (16) exits a predefined movement area.

IPC 8 full level
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B25D 9/12 (2013.01 - EP KR US); **B25D 9/18** (2013.01 - EP KR US); **B25D 9/26** (2013.01 - EP KR US); **B25D 17/245** (2013.01 - EP KR US); **E02F 3/966** (2013.01 - KR); **E02F 9/2221** (2013.01 - KR); **E02F 9/2271** (2013.01 - KR); **B25D 2217/0023** (2013.01 - EP KR US); **B25D 2250/195** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2017093361A1

Designated contracting state (EPC)
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